MOVEPIXELBAR
USER MANUAL

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■ INTRODUCTION

Thank you for selecting the MovePixelBar108 . With motorized tilt moment and 36pcs high power3W mixing LEDs,this MovePixelBar108 gives you ultra bright, smooth and unlimited colors to project on a wide area for enhancing your enviroment. Please read this user manual carefully and thoroughly before operation.

■ Unpacking

Carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Contact your supplier immediately and retain packing material for inspection if any part is missing or damaged.
The following items are included in the box:

- 1 x MovePixelBar108
- 1 x Power cord with plug
- 1 x User Manual

Warning!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

■ Safety intructions

- This product is intended for indoor use only!
- Always turn off, unplug power and allow fixture to cool before servicing.
- Ensure that fixture is properly grounded.
- Please keep this User Guide for future consultation.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on decal or rear panel of the fixture.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure no ventilation slots are blocked.
- Always disconnect from power before servicing or replacing fuse.
- Make sure power cord is never crimped or damaged.
- Do not look into the beam from a distance of less than 40 cm (16 inches).
- Do not stare into the beam for extended periods at a short distance.

■ FEATURES

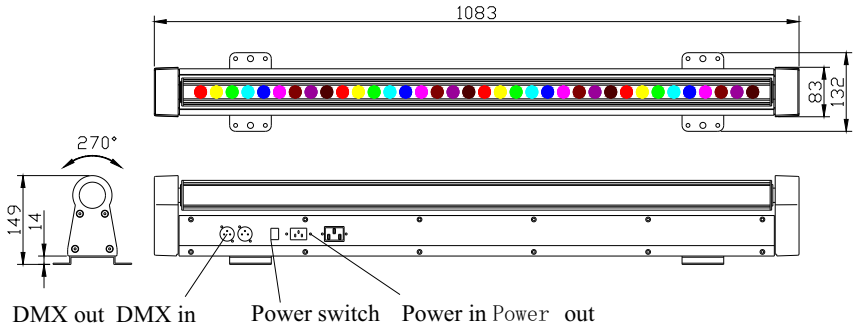
► Key features

- **LED Refresh-rate 400Hz suitable for use in TV studio**
- RGB color mixing
- 4 modes: Auto, Sound active, DMX, Program
- 3 DMX modes:8ch, 15ch, 111ch
- 13 pre-set colors
- 18 built-in programs
- 10 editable programs
- Onboard programming functionality enables programming without external DMX controller
- Thermal management system ensures long life of LEDs
- Electronic protection against short circuit
- 3-pin or 5-pin XLR connectors
- Blue LCD display of 16 x 2 digits
- Power failure memory
- Set Slave ID

► Additional features

- Dimmer 0-100%
- Strobe 1-30 fps
- Power In/Out for daisy-chain
- Optical lens: 10°, 15° (installed), 20°,25°, 30°, 45°
- Quarter-turn fastener mounting points

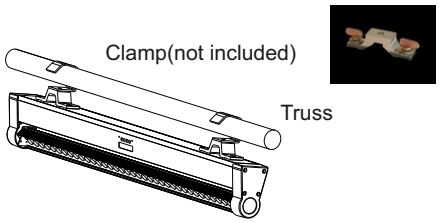
RODUCT VIEW

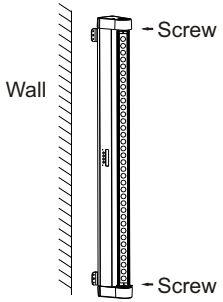


■ SETUP

► MOUNTING

This fixture may be mounted in any safe position: floor stand up for lighting, wall mount, truss mount, etc.





IMPORTANT!!! Safety cables must always be used. The safety cable must be capable of holding 10 times the weight of the fixture.

► FIXTURE LINKING

To run your light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures in master/slave operating mode, you need DMX cables to link the units from DMX IN to DMX OUT.

► AC POWER

The fixture is designed to work on 110V 60Hz or 230V 50Hz. Make sure you are connecting to the proper voltage which is printed on specification label on the unit.

Warning! All fixtures must be connected to circuits with a suitable Earth Ground.

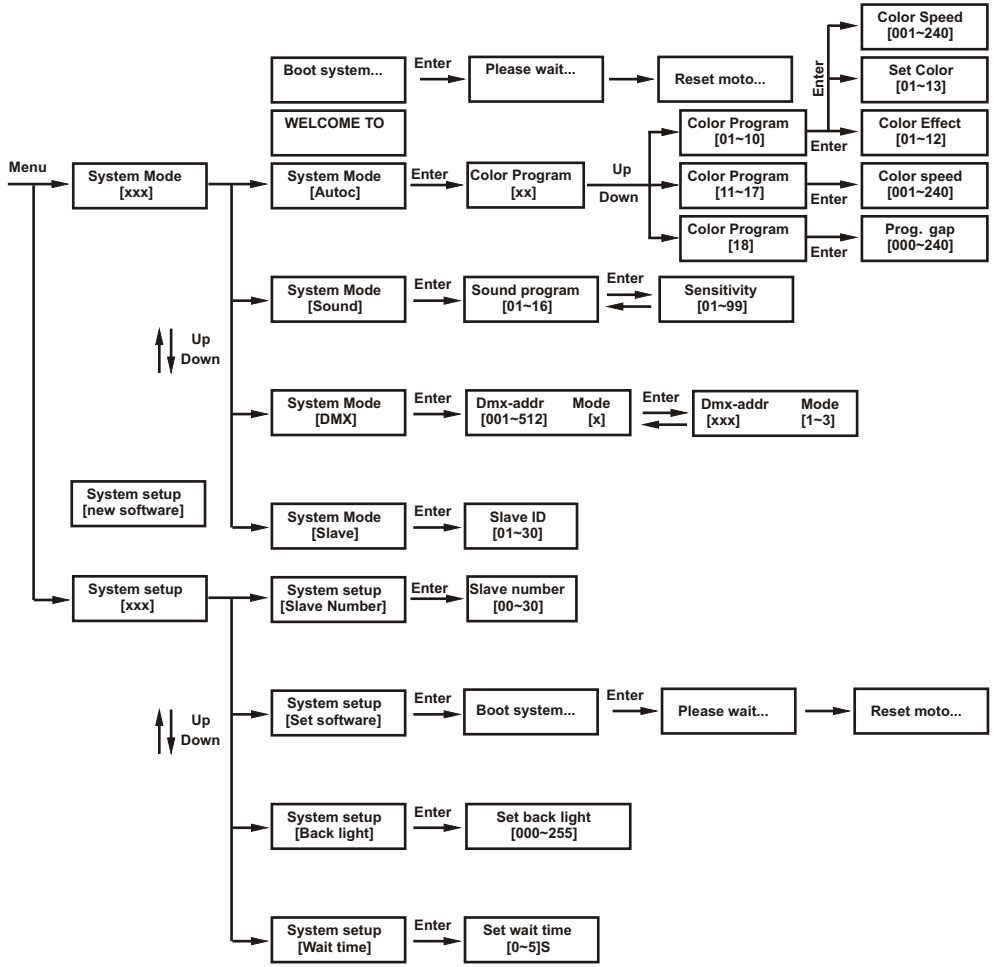
► OPERATION INSTRUCTIONS

4 working modes are at your choice: Auto, Sound, DMX,Slave. In Auto and Sound mode, multiple units can be linkable via master/slave to run a synchronal system.

1. Connect the fixture to main power and turn on power switch.
2. The fixture resets with noise (nomal). LCD display shows: Reset...
3. After system reset, LED display show: Welcome
4. Press MENU button to enter System mode or Motor mode.

■ Menu MAP

When navigating the menu:
Use "UP" button to move up.
Use "DOWN" button to move down.
Use "ENTER" button to move right.
Use "MENU" button to move left.



18 built-in programs

Color Program	Color Speed	Set Color	Color Effect	Prog.gap
1~10	001~240	01~13	01~12	\
11~17	001~240	\	\	\
18	\	\	\	000~240

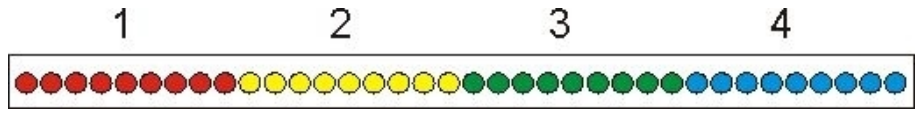
■ DMX MODE

In DMX mode, you have 3 modes to select according to programming requirement for your environment: 8ch, 15ch, 111ch

DMX MODE1

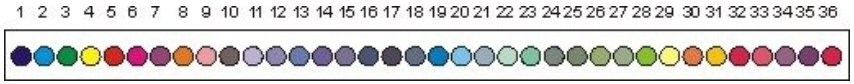
Channel	Level	Function
Ch1	0-255	Rotate from 0-270°
Ch2	0-7	Shutter closed
	8-15	Shutter open
	16-151	Linear Strobe frequency adjustment from 1 to 20HZ
	152-159	Pulse open effect low speed
	160-167	Pulse open effect medium speed
	168-175	Pulse open effect high speed
	176-183	Pulse close effect low speed
	184-191	Pulse close effect medium speed
	192-199	Pulse close effect high speed
	200-207	Random strobe effect low speed
	208-215	Random strobe effect medium speed
	216-223	Random strobe effect hight speed
	224-255	Shutter open
Ch3	0-255	General-dimmer. Linear intensity adjustment 0-100%
Ch4	0-255	Red Linear adjustment 0-100%
Ch5	0-255	Green Linear adjustment 0-100%
Ch6	0-255	Blue Linear adjustment 0-100%
Ch7	0-7	No marco
	8-15	Marco1 rainbow slow-stand time 5 sec
	16-23	Marco2 rainbow medium-stand time 5 sec
	24-31	Marco2 rainbow fast-stand time 5 sec
	32-39	Marco4 rainbow slow-no stand time
	40-47	Marco5 rainbow medium-no stand time
	48-55	Marco6 rainbow fast-no stand time 5
	56-63	Marco7 rainbow very slow-no stand time
	64-70	Marco8 random color change slowly
	71-79	Marco9 random color change medium
	80-87	Marco10 random color change fast
	88-255	Null
Ch8	0-255	Continnus color temperature control

DMX MODE2



Channel	Level	Function
Ch1	0-255	Rotate from 0-270°
Ch2	0-7	Shutter closed
	8-15	Shutter open
	16-151	Linear Strobe frequency adjustment from 1 to 20HZ
	152-159	Pulse open effect low speed
	160-167	Pulse open effect medium speed
	168-175	Pulse open effect high speed
	176-183	Pulse close effect low speed
	184-191	Pulse close effect medium speed
	192-199	Pulse close effect high speed
	200-207	Random strobe effect low speed
	208-215	Random strobe effect medium speed
	216-223	Random strobe effect hight speed
	224-255	Shutter open
Ch3	0-255	General-dimmer. Linear intensity adjustment 0-100%
Ch4	0-255	Group1 Red Linear adjustment 0-100%
Ch5	0-255	Group 1 Green Linear adjustment 0-100%
Ch6	0-255	Group 1 Blue Linear adjustment 0-100%
Ch7	0-255	Group2 Red Linear adjustment 0-100%
Ch8	0-255	Group 2 Green Linear adjustment 0-100%
Ch9	0-255	Group 2 Blue Linear adjustment 0-100%
Ch10	0-255	Group3 Red Linear adjustment 0-100%
Ch11	0-255	Group 3 Green Linear adjustment 0-100%
Ch12	0-255	Group 3 Blue Linear adjustment 0-100%
Ch13	0-255	Group4 Red Linear adjustment 0-100%
Ch14	0-255	Group 4 Green Linear adjustment 0-100%
Ch15	0-255	Group 4 Blue Linear adjustment 0-100%

DMX MODE3



Channel	Level	Function
Ch1	0-255	Rotate from 0-270°
Ch2	0-7	Shutter closed
	8-15	Shutter open
	16-151	Linear Strobe frequency adjustment from 1 to 20HZ
	152-159	Pulse open effect low speed
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	168-175	Pulse open effect high speed
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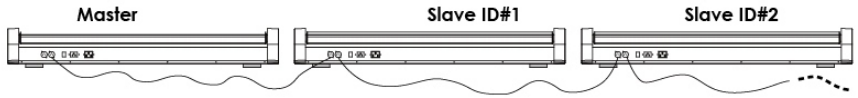
	224-255	Shutter open
Ch3	0-255	General-dimmer. Linear intensity adjustment 0-100%
Ch4	0-255	Group1 Red Linear adjustment 0-100%
Ch5	0-255	Group 1 Green Linear adjustment 0-100%
Ch6	0-255	Group 1 Blue Linear adjustment 0-100%
Ch7	0-255	Group2 Red Linear adjustment 0-100%
Ch8	0-255	Group 2 Green Linear adjustment 0-100%
Ch9	0-255	Group 2 Blue Linear adjustment 0-100%
Ch10	0-255	Group3 Red Linear adjustment 0-100%
Ch11	0-255	Group 3 Green Linear adjustment 0-100%
Ch12	0-255	Group 3 Blue Linear adjustment 0-100%
⋮	⋮	⋮
Ch109	0-255	Group36 Red Linear adjustment 0-100%
Ch110	0-255	Group 36 Green Linear adjustment 0-100%
Ch111	0-255	Group 36 Blue Linear adjustment 0-100%

MASTER SLAVE MODE

In this mode, one can run the whole system in synchronized effect. Maximum 31pcs can be linked in a daisy chain as Master/Slave operating



1. One unit is to be set as Master and this Master unit needs to work under PROGRAM or Auto or Sound mode. Also, you need to set Slave Number for total number of Slave units. i.e., there are 5 Slave units (not including Master unit) in the daisy chain, then Slave Number is 5.
2. Other units are to be set in Slave mode and and Slave ID is to be set for each Slave unit. The first Slave connected with the Master unnit is Slave ID [1], the next Slave units are Slave ID [2], Slave ID [3], and son on.
3. Operate the Master unit in PROGRAM, Auto and Sound mode to run the whole system.

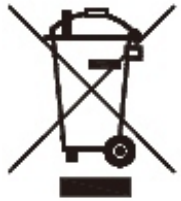
Note! After prolonged periods of operation, the fixture may reach high temperatures and dim due to thermal management. After a while of cool down, output will recover.

GENERAL MAINTENACE

To maintain optimum performance fixtures should be cleaned frequently. Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass gently when the fixture is cold with a mild solution of glass cleaner or Isopropyl Alcohol and a soft lint free cotton cloth or lens tissue.

IMPORTANT IN FORMATION

To reduce the impact on human health and the environment, old appliances must be collected separately.



SPECIFICATIONS

WEIGHT & DIMENSIONS
Length ..... 43.03 in (1,093 mm)
Width .....5.20 in (132 mm)
Height .... 6.10in (155 mm)
Weight .....18.26 lbs (8.3 kg)

POWER
AC Power ..... 110V or 230V 50/60Hz AC
(check spec label on product)
Power Consumption .....120W Max.

LIGHT SOURCE

Tricolor LED (RGB 3 in 1) .....36 x 3W
Optical lens ..... 15°

OPTIONAL

Optical lens ..... 10°
Optical lens ..... 20°
Optical lens ..... 25°
Optical lens ..... 30°
Optical lens ..... 45°